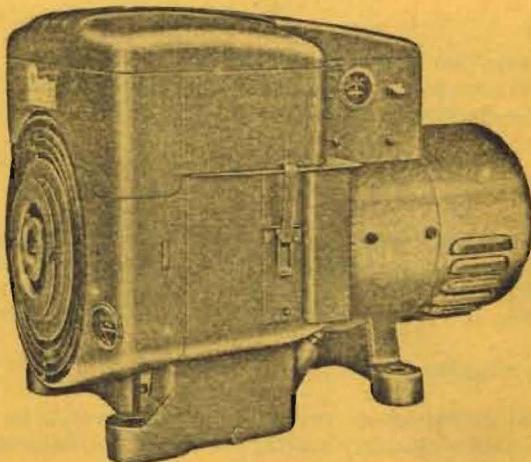


PARTS CATALOG

FOR

ONAN ELECTRIC GENERATING PLANTS

Series
CCK



D. W. ONAN & SONS INC. • MINNEAPOLIS 14, MINN.

927-2 ▲▲

Price \$1.00

A-B Printed in U.S.A.

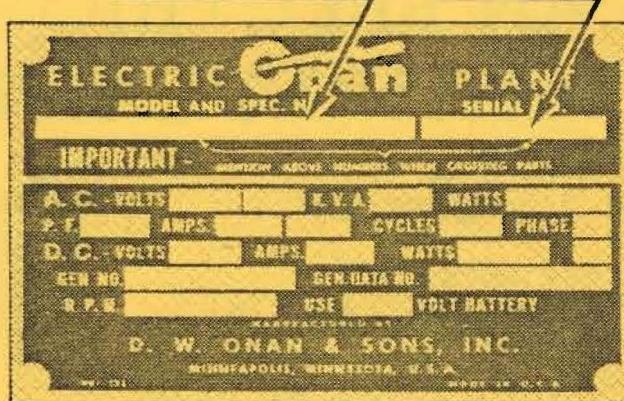
INSTRUCTIONS FOR ORDERING REPAIR PARTS

FOR PARTS OR SERVICE, CONTACT THE DEALER FROM WHOM YOU PURCHASED THIS EQUIPMENT OR REFER TO YOUR NEAREST AUTHORIZED SERVICE STATION.

TO AVOID ERRORS OR DELAY IN FILLING YOUR PARTS ORDER, PLEASE FURNISH ALL INFORMATION REQUESTED.

REFER TO THE NAMEPLATE ON YOUR PLANT

1. Always give the MODEL & SPEC. NO. and SERIAL NO.



A229



2. Order only parts that have a quantity shown under the "Parts Reference Letter" that applies to your plant. These letters are listed under "Quantity Used" in the parts list. "Parts Reference Letters" are given in the Data Table.
3. Do not order by reference number or group number, use part number and description.
4. Give the part number, description and quantity needed of each item. If an old part cannot be identified, return the part prepaid to your dealer or nearest AUTHORIZED SERVICE STATION. Print your name and address plainly on the package. Write a letter to the same address stating the reason for returning the part.
5. State definite shipping instructions.

Any claim for loss or damage to your unit in transit should be filed promptly against the transportation company making the delivery. Shipments are complete unless the packing list indicates items are back ordered.

"Prices are purposely omitted from this Parts Catalog due to the confusion resulting from fluctuating costs, import duties, sales taxes, exchange rates, etc.

For Current parts prices, consult your Onan Dealer, Distributor or Parts and Service Center."

"En esta lista de partes los precios se omiten de propósito, ya que bastante confusión resultó de fluctuaciones de los precios, derechos aduanales, impuestos de venta, cambios extranjeros etc.

Consiga los precios vigentes de su distribuidor de productos "ONAN".

CCK SERIES

PARTS CATALOG

This parts catalog applies specifically to the ONAN "CCK" Series generating plants of the standard models and SPECIFICATION designations as shown in the Plant Data Table on the following page. For generating plants which carry a different SPEC. designation on the nameplate, use the parts list as a general guide in selecting the necessary parts. Be sure to furnish the Model, Spec., and Serial No. of the plant.

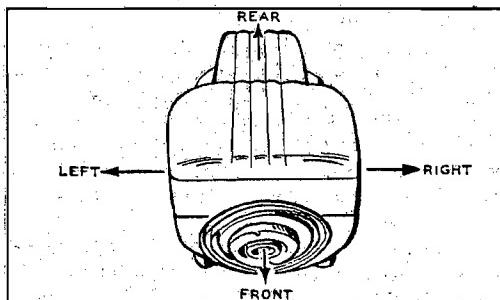
The parts Reference Letters A, B, C, etc. in the last column of the Plant Data Table refer to corresponding columns under "Quantity Used" in the Parts List. To determine which column applies to your plant, proceed as follows:

1. Compare the model of your plant and its nameplate data, (volts, watts, and phase) with the Data Table.
2. Select the line in the table which agrees with your plant. Use the Parts Reference Letter for this line.
3. The Parts Reference Letter for this line indicates which column (A, B, C, etc.) in the Parts List applies to your plant. Parts which have a quantity shown in this column apply to your plant, unless otherwise noted. Special equipment items are optional.

When a serial number is referred to in a part description, check it against the serial number on the plant nameplate, using only the numbers after the letter.

When the plant Model and Spec. are written together, a diagonal (/) is used between them.

Regarding your plant model specification, the Spec Letter indicates a manufacturers modification, while the Spec Number indicates optional equipment installed at the factory. Some groups of optional equipment are included in this catalog.



The engine end of the plant is to be considered the FRONT end. RIGHT and LEFT sides are determined by standing at the front end and facing the generating plant.

PARTS ILLUSTRATIONS ARE TYPICAL AND DO NOT NECESSARILY DEPICT EXACT REPRESENTATIONS OF THE LISTED PARTS.

PLANT DATA TABLE

PLANT DESIGNATION		ELECTRICAL OUTPUT			PARTS REF. LETTER	
MODEL NO. AND SPEC.★	TYPE □	WATTS★	VOLTS	PHASE		
305CCK-1M	1A▲	MANUAL	3500	115	1	A
305CCK-2M		MANUAL	3500	230	1	A
305CCK-3M		MANUAL	3500	115/230	1	A
305CCK-5M		MANUAL	3500	230	3	A
305CCK-1P		PORTABLE	3500	115	1	B
305CCK-2P		PORTABLE	3500	230	1	B
305CCK-3P		PORTABLE	3500	115/230	1	B
305CCK-5P		PORTABLE	3500	230	3	B
305CCK-1R		REMOTE	3500	115	1	C
305CCK-1RV		REMOTE	3500	115	1	C
305CCK-2R	1B	REMOTE	3500	230	1	C
305CCK-2RV		REMOTE	3500	230	1	C
305CCK-3R		REMOTE	3500	115/230	1	C
305CCK-3RV		REMOTE	3500	115/230	1	C
305CCK-5R		REMOTE	3500	230	3	C
305CCK-5RV		REMOTE	3500	230	3	C
5CCK-1M	1A▲	MANUAL	5000	115	1	D
5CCK-2M		MANUAL	5000	230	1	D
5CCK-3M		MANUAL	5000	115/230	1	D
5CCK-5M		MANUAL	5000	230	3	D
5CCK-1P		PORTABLE	5000	115	1	E
5CCK-2P		PORTABLE	5000	230	1	E
5CCK-3P		PORTABLE	5000	115/230	1	E
5CCK-5P		PORTABLE	5000	230	3	E
5CCK-1R		REMOTE	5000	115	1	F
5CCK-1RV		REMOTE	5000	115	1	F
5CCK-2R	1B	REMOTE	5000	230	1	F
5CCK-2RV		REMOTE	5000	230	1	F
5CCK-3R		REMOTE	5000	115/230	1	F
5CCK-3RV		REMOTE	5000	115/230	1	F
5CCK-5R		REMOTE	5000	230	3	F
5CCK-5RV		REMOTE	5000	230	3	F

NOTES

- ★ = All models listed produce 60 cycle frequency a.c. current. Parts apply also to 50 cycle plants except for some generator parts as noted in the part description. The 5000 watt plant is derated to 4250 watts in 50 cycle.
- ▲ = No standard models and only a few special models were manufactured under model "Spec A". Engine valves, and related parts affected by the smaller (nominal 5/16" instead of 11/32") valve stem diameter, do not apply to Spec A models. Order these "Spec A" parts by description: Intake Valve, Spring Retainer, Exhaust Valve, Valve Rotocap, Valve Guide and Cylinder Block Assembly.
- = These remote type plants have vacuum type cooling. Cooling air is drawn past the engine and exhausted through the front housing.
- = Manual type plants are designed for more or less stationary installations. They must be cranked by a pull rope. Magneto ignition is used.
- = Portable type plants are designed for portable service. They have a carrying frame and a mounted fuel tank. A two wheel dolly may be attached. They have plug-in receptacles, pull-rope cranking and magneto ignition.
- = Remote type plants are designed for permanent or stationary installation. Starting batteries are required for electrical cranking. Remote start-stop switches, or automatic control equipment may be connected to the plant.

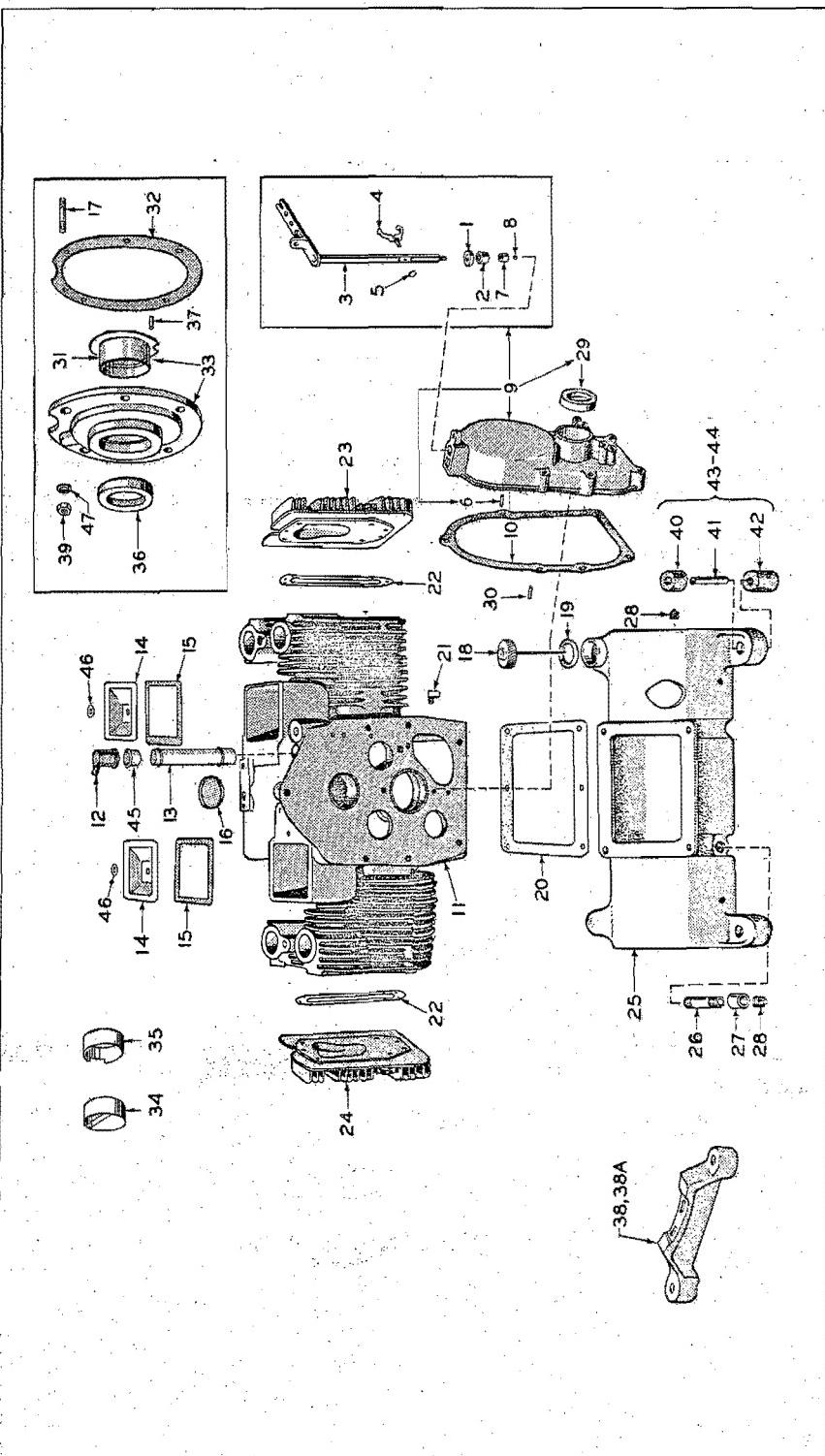


FIG. A - CYLINDER BLOCK, OIL BASE AND GEAR COVER GROUP

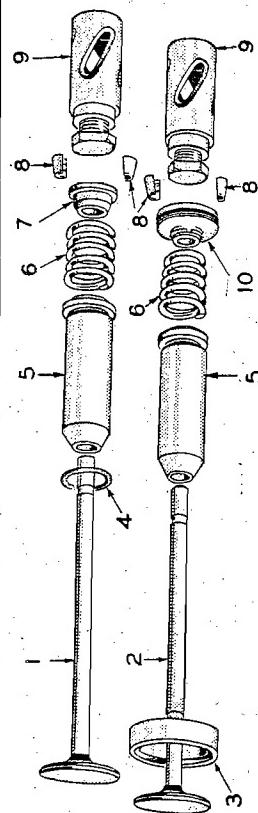


FIG. B - VALVE GROUP

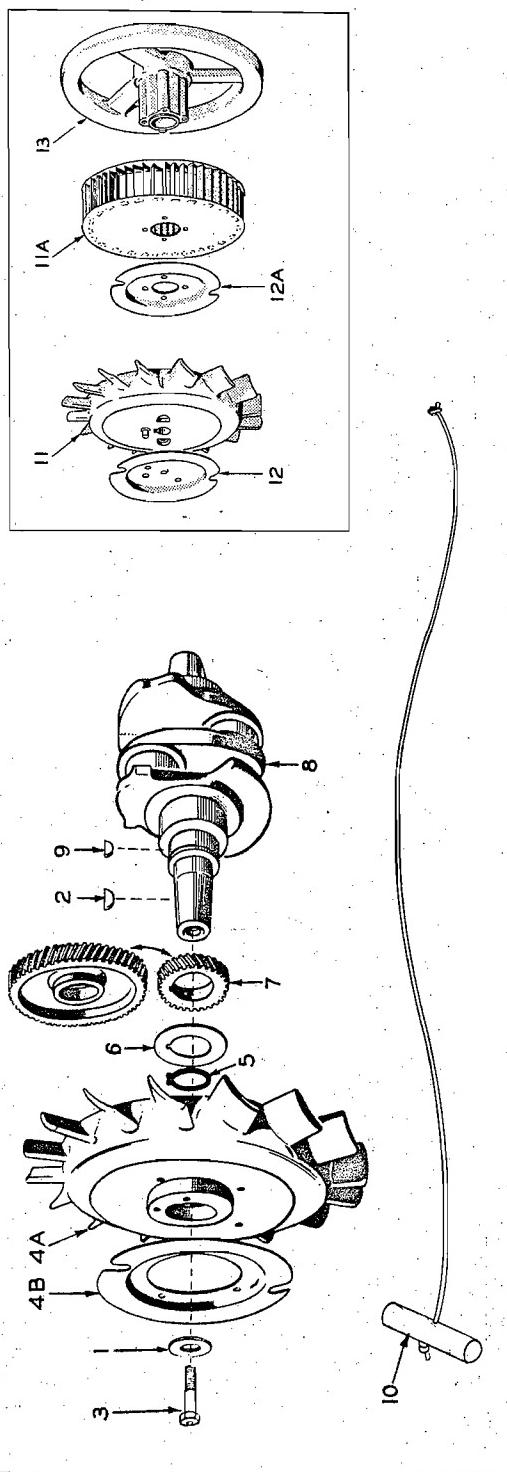


FIG. C - CRANKSHAFT AND FLYWHEEL GROUP

FIG. E - CONNECTING ROD
AND PISTON GROUP

FIG. D - CAMSHAFT GROUP

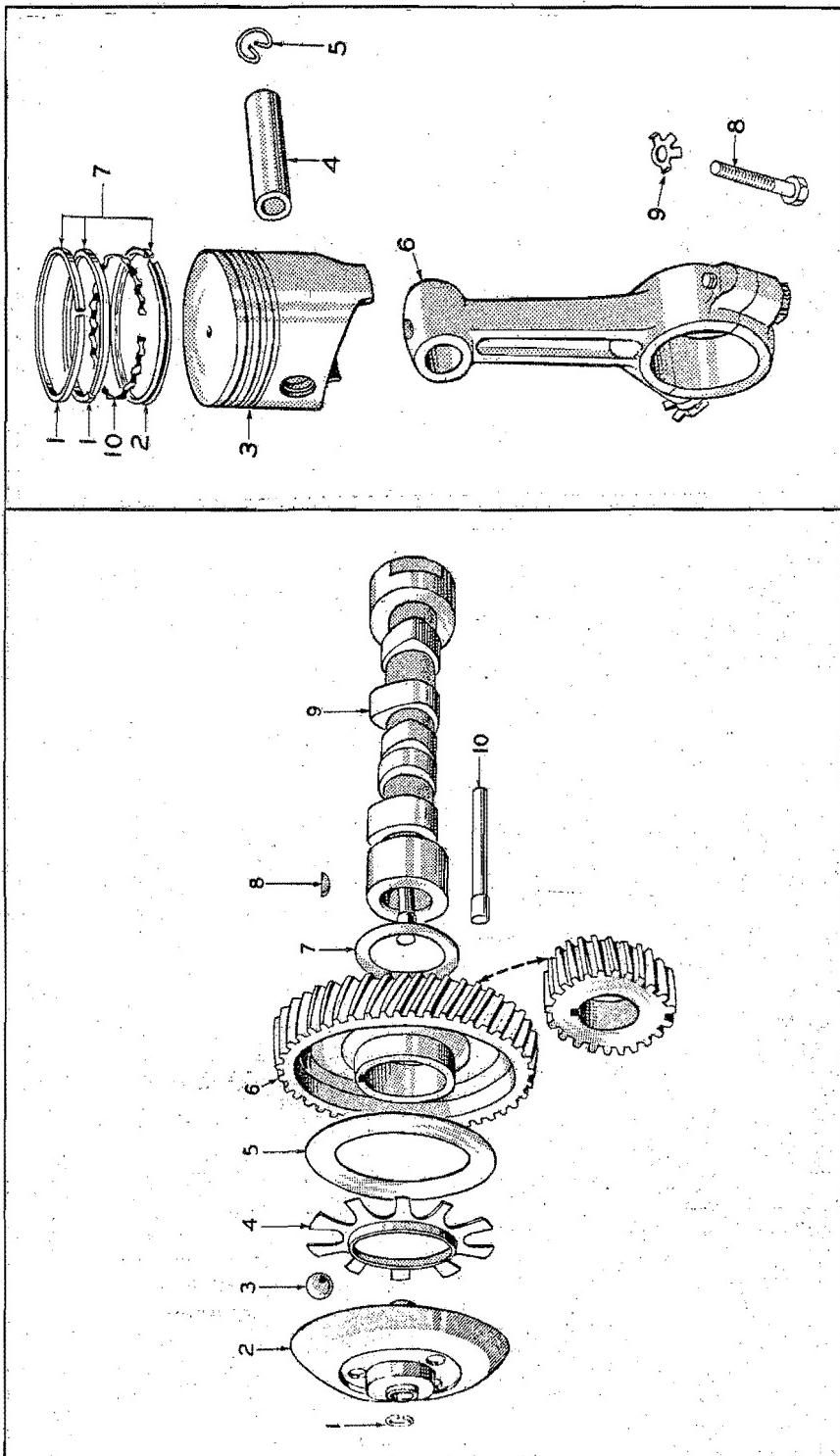


FIG. E - CONNECTING ROD
AND PISTON GROUP

FIG. D - CAMSHAFT GROUP

FIG. E - CONNECTING ROD
AND PISTON GROUP

FIG. D - CAMSHAFT GROUP

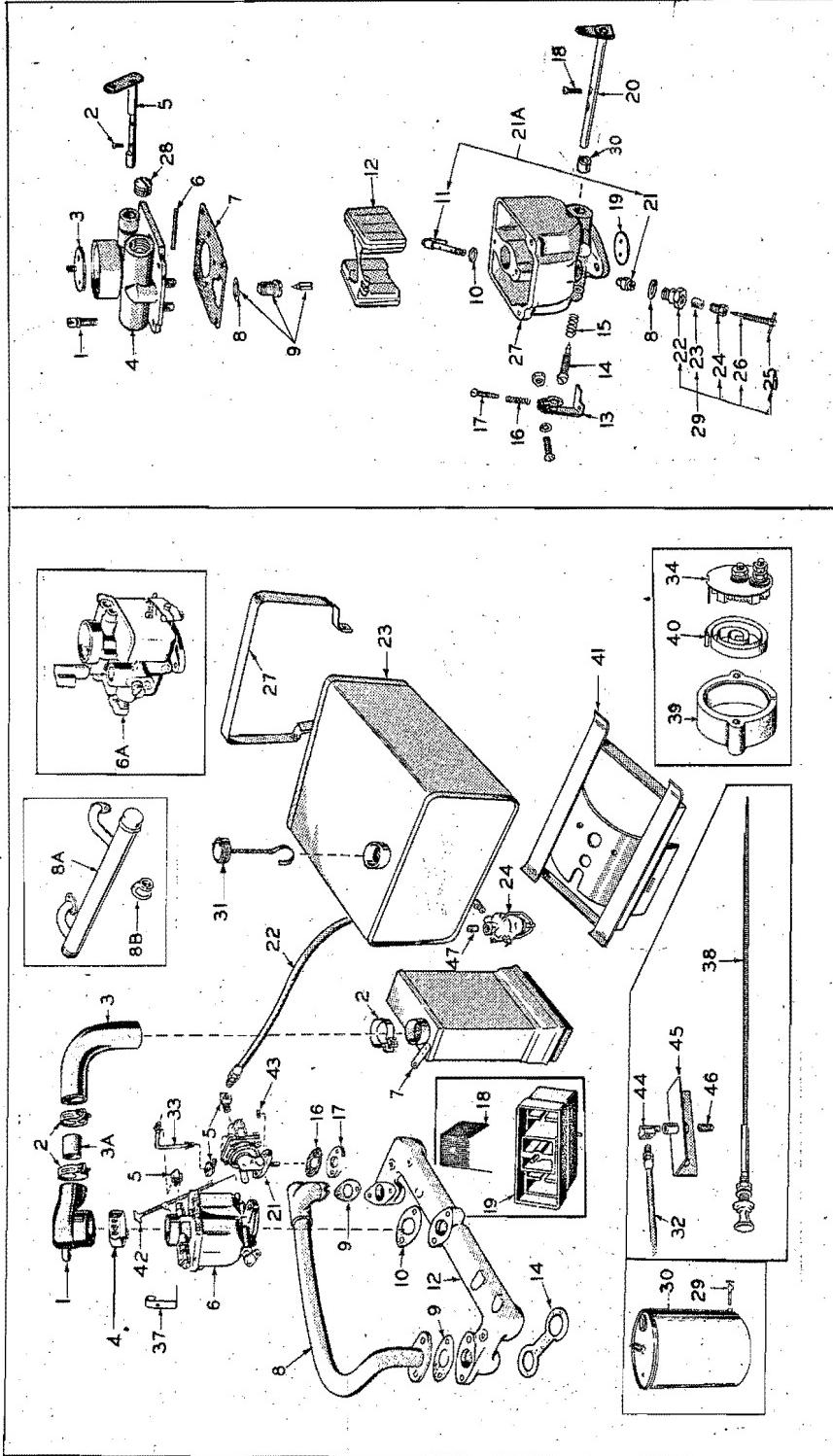


FIG. F - FUEL SYSTEM GROUP FIG. G - CARBURETOR PARTS GROUP

FIG. K - OIL PUMP GROUP

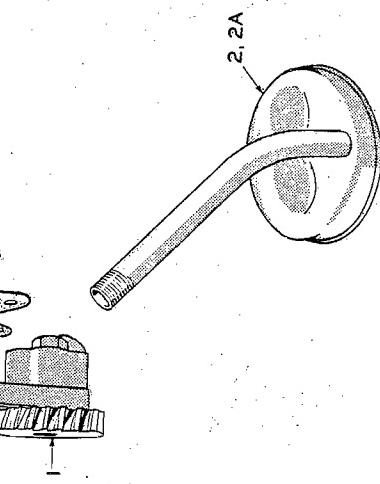


FIG. H - FUEL PUMP PARTS GROUP

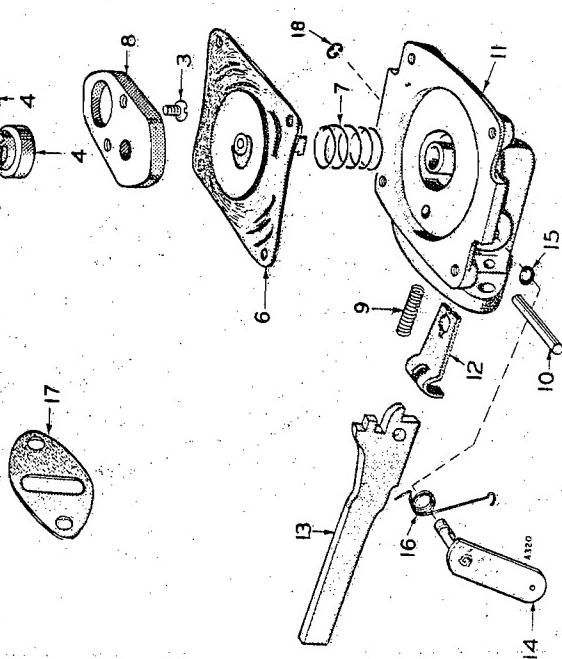
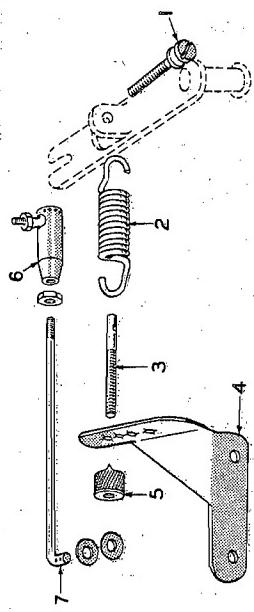


FIG. J - GOVERNOR GROUP



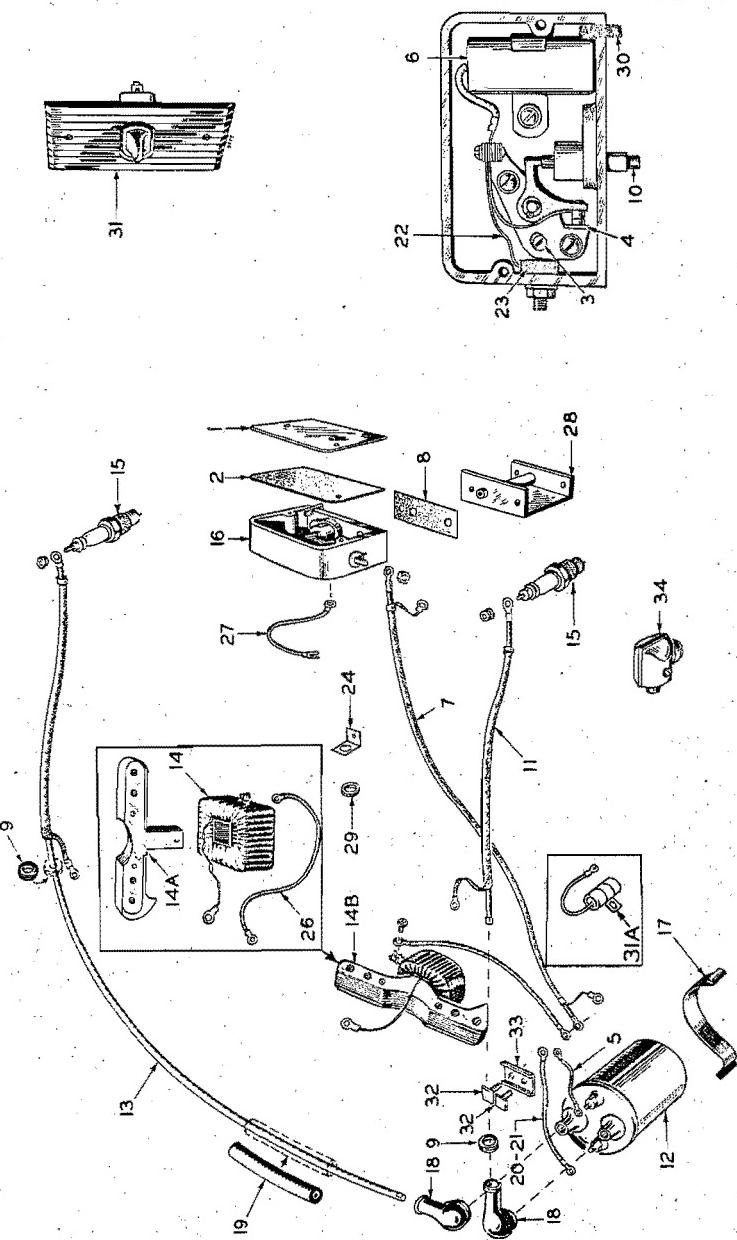


FIG. L - IGNITION GROUP

FIG. O - VACUUM SPEED-BOOSTER GROUP

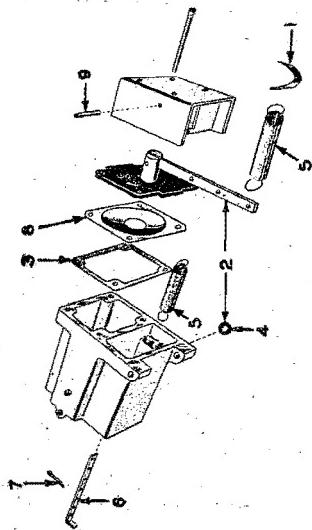


FIG. N - HOUSING AND STOP BUTTON GROUP

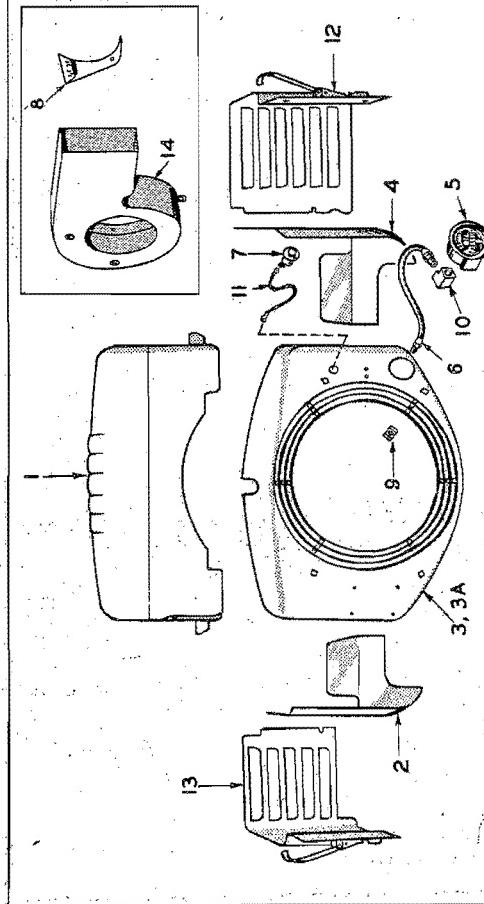
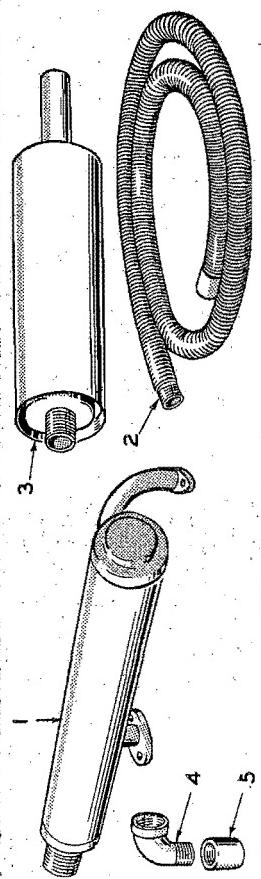


FIG. M - MUFFLER GROUP



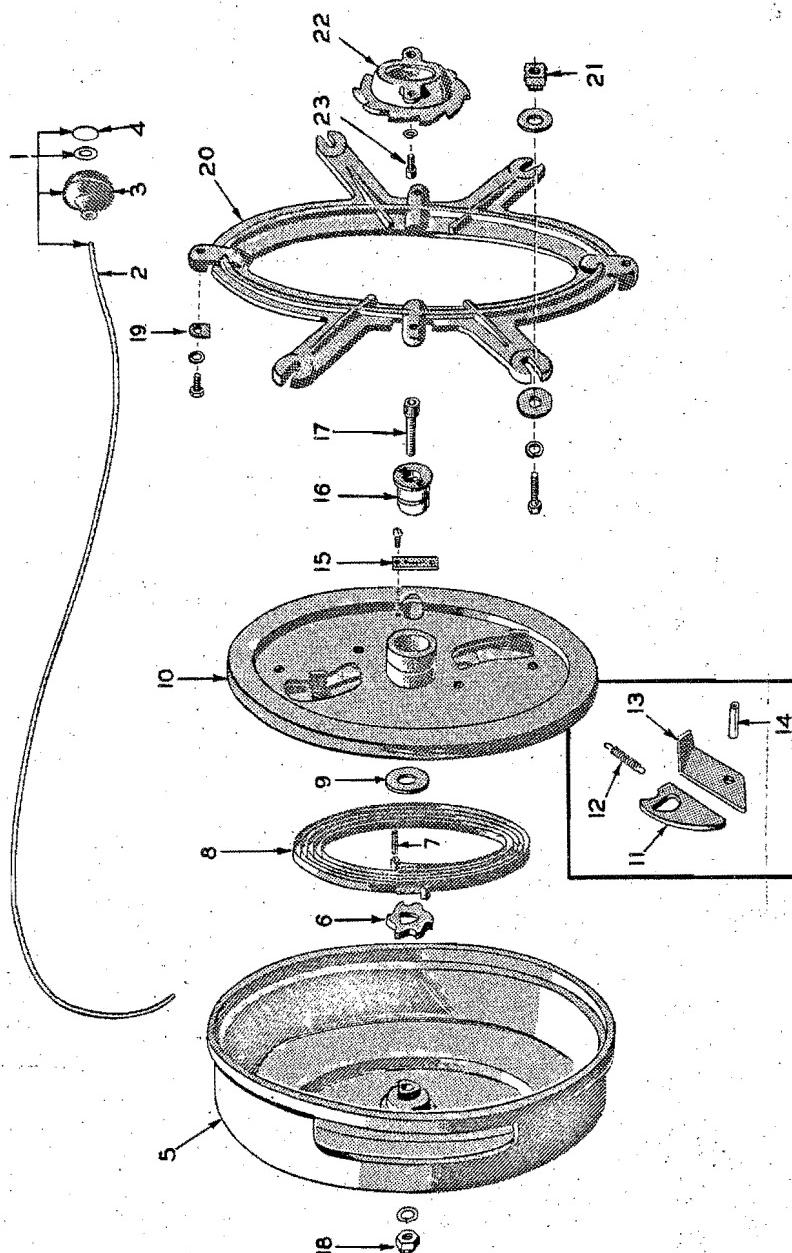
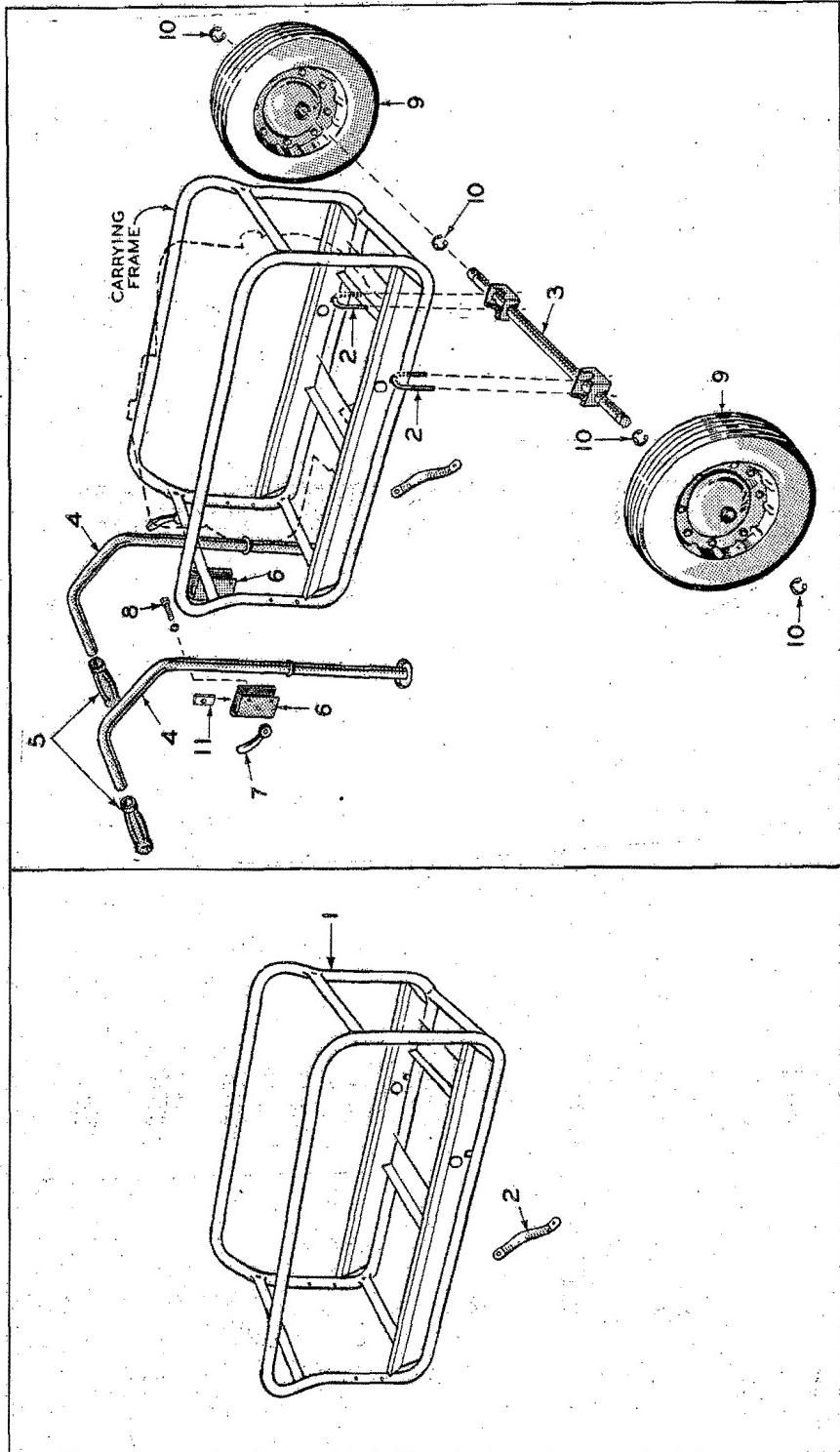


FIG. P - RADI-PULL STARTER GROUP



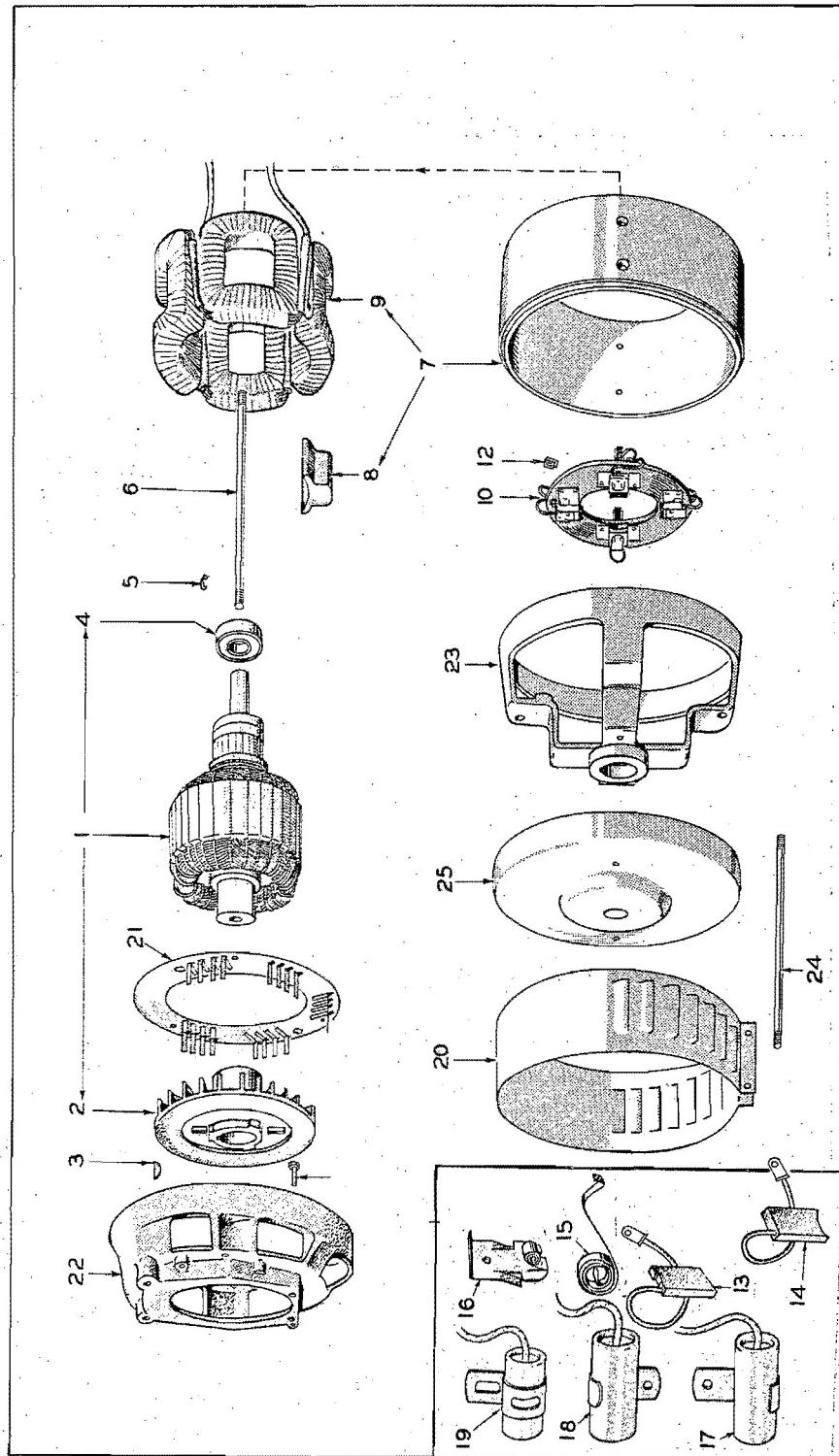
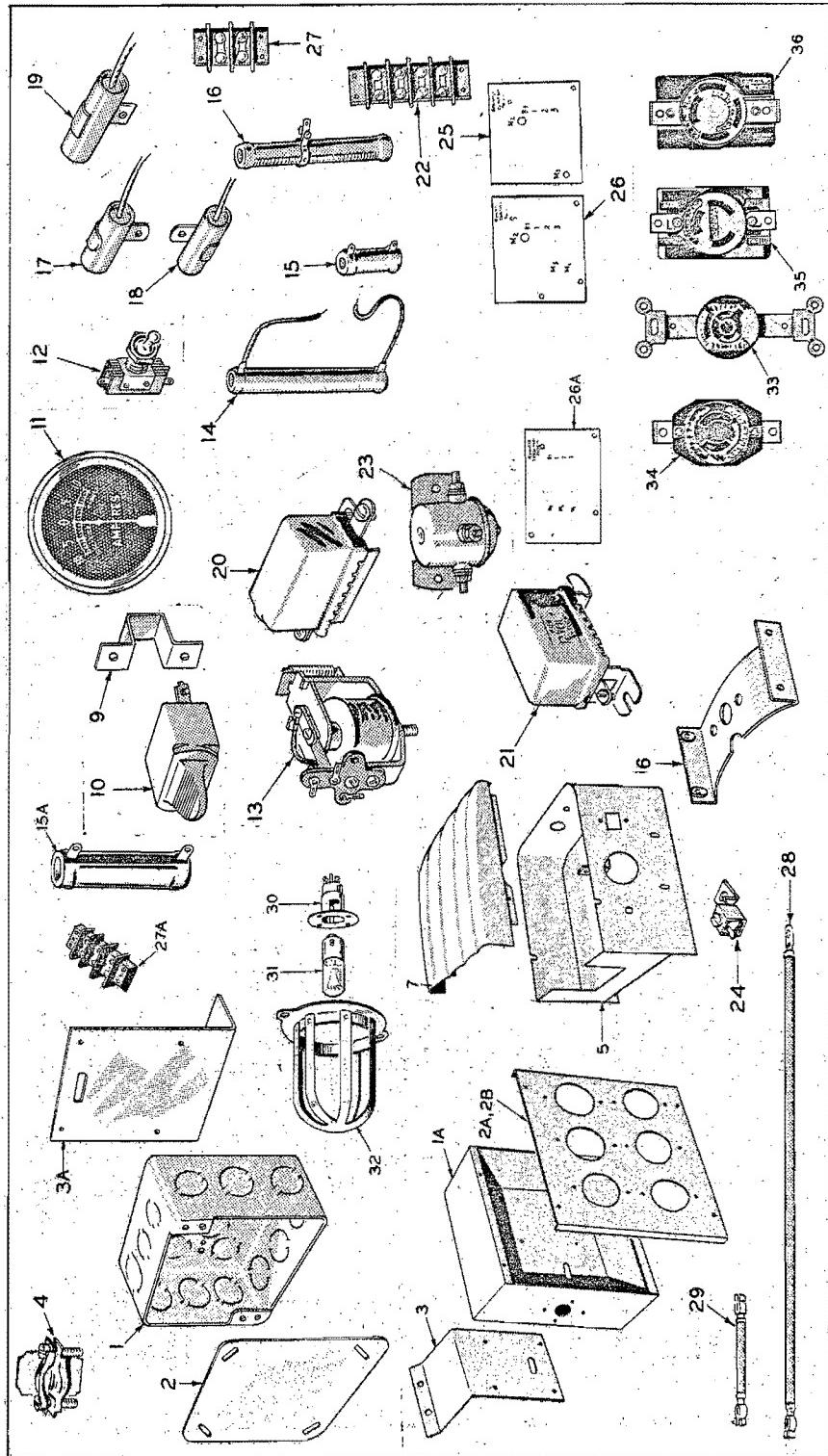


FIG. S - GENERATOR GROUP

FIG. T - CONTROL GROUP



PARTS LIST

REF. PART NO.	DESCRIPTION	QUANTITY USED					
		A	B	C	D	E	F
1	509-8 Seal, Oil - Governor Shaft.....	1	1	1	1	1	1
2	510-13 Bearing, Governor Shaft Upper	1	1	1	1	1	1
3	150E234 Shaft & Arm Assembly, Governor	1	1	1	1	1	1
4	150A236 Yoke, Governor Shaft	1	1	1	1	1	1
5	518-129 Ring, Yoke Retainer	1	1	1	1	1	1
6	516-117 Pin, Roll - Governor Cup Stop - Located in Gear Cover - 3/16 x 13/16	1	1	1	1	1	1
7	510-8 Bearing, Governor Shaft Lower	1	1	1	1	1	1
8	510-14 Bearing, Ball - Governor Shaft	1	1	1	1	1	1
9	103C156 Cover Assembly, Gear - Includes Gear Cover and Items 1 thru 8 plus 29	1	1	1	1	1	1
10	103B11 Gasket, Gear Cover	1	1	1	1	1	1
11	110A915 Block Assembly, Cylinder - Includes Bearing Plate, Plate Studs, Bearings, Dowel Pins, Valve Guides, Valve Seats, Welch Plug	1	1	1	1	1	1
12	123B293 Cap, Breather Tube Rubber	1	1	1	1	1	1
13	123A129 Tube, Breather - Less Valve	1	1	1	1	1	1
14	110A666 Cover, Valve Compartment	2	2	2	2	2	2
15	110A667 Gasket, Valve Cover	2	2	2	2	2	2
16	517-18 Plug, Camshaft Expansion	1	1	1	1	1	1
17	520A114 Stud, Rear Bearing Plate Mounting - 5/16 x 1-5/16	5	5	5	5	5	5
18	123A510 Cap, Oil Fill - Includes Oil Level Indicator - For 3 qt. Base	1	1	1	1	1	1
18	123A489 Cap, Oil Fill - Includes Oil Level Indicator - Remote Plants - For 4 qt. Base	1	1	1	1	1	1
19	123A191 Gasket, Oil Fill Cap	1	1	1	1	1	1
20	102B8 Gasket, Oil Base Mounting	1	1	1	1	1	1
21	502-20 Elbow, Street - Oil Line	1	1	1	1	1	1
22	110A892 Gasket, Cylinder Head	2	2	2	2	2	2
23	110D890 Head, Cylinder - Right Hand	1	1	1	1	1	1
24	110D891 Head, Cylinder - Left Hand	1	1	1	1	1	1

WHEN ORDERING PARTS BE SURE TO INCLUDE MODEL AND SERIAL NUMBER OF UNIT!

REF. PART NO.	DESCRIPTION	QUANTITY USED					
		A	B	C	D	E	F
25	102A331 Base, Oil - Manual and Portable Plants - 3 U.S. Quart	1	1	1	1	1	1
25	102A330 Base, Oil - Remote Plants - 4 U.S. Quarts	1	1	1	1	1	1
26	505-342 Nipple, Pipe - Oil Drain - 3/8 x 5-1/2 - Use with 3 qt. base	1	1	1	1	1	1
27	505-28 Coupling, Oil Drain Pipe - 3/8	1	1	1	1	1	1
28	505-110 Plug, Pipe - 3/8 - Oil Drain	1	1	1	1	1	1
29	509-11 Seal, Oil - Gear Cover	1	1	1	1	1	1
30	516A11 Pin, Gear Cover Dowel - 5/16 x 1-1/8	2	2	2	2	2	2
31	101K181 Bearing, Crankshaft - Front or Rear - Specify Standard, 0.002" or 0.020" Undersize	2	2	2	2	2	2
32	101K115 Gasket Kit, Bearing Plate	1	1	1	1	1	1
33	101C258 Plate, Bearing - Excludes Bearing	1	1	1	1	1	1
34	101A49 Bearing, Camshaft Front	1	1	1	1	1	1
35	101A50 Bearing, Camshaft Rear	1	1	1	1	1	1
36	509-1 Seal, Oil - Bearing Plate	1	1	1	1	1	1
37	516A72 Pin, Main Bearing Stop	2	2	2	2	2	2
38	232C1276 Support, Generator - Aluminum	1	1	1	1	1	1
38A	232C1257 Support, Generator - Cast Iron	1	1	1	1	1	1
39	110A445 Nut, Bearing Plate	5	5	5	5	5	5
40	402A131 Cushion, Plant Mounting - Upper	4	4	4	4	4	4
41	402A137 Bushing, Spacer	4	4	4	4	4	4
42	402A38 Cushion, Plant Mounting - Lower	4	4	4	4	4	4
43	402A138 Cushion Assembly, Plant Mounting - Includes Cushion, Spacer & Hardware	4	4	4	4	4	4
44	402A145 Cushion Assembly, Plant Mounting - Includes Cushion, Spacer & Hardware	4	4	4	4	4	4
45	123A104 Valve, Breather Tube	1	1	1	1	1	1
46	526-63 Washer, Copper - Valve Compartment Cover	2	2	2	2	2	2

WHEN ORDERING PARTS BE SURE TO INCLUDE MODEL AND SERIAL NUMBER OF UNIT!

PARTS LIST

REF. PART NO.	DESCRIPTION	QUANTITY USED					
		A	B	C	D	E	F
FIG. A - CYLINDER BLOCK, OIL BASE & GEAR COVER GROUP (CONT.)							
47	Washer, Lock - 5/16 x Special Width - Rear Bearing Plate	5	5	5	5	5	5
110A379	Screw, Hex Head Cap - Hardened - 5/16-18 x 1-1/4" - Cylinder Head	8	8	8	8	8	8
110A284	Screw, Hex Head Cap - Hardened - 5/16-18 x 1-1/2" - Cylinder Head	10	10	10	10	10	10
800-11	Screw, Valve Compartment Cover - 1/4-20 x 2"	2	2	2	2	2	2
800-54	Screw, Hex Head Cap - Intake Manifold - 3/8-16 x 2"	2	2	2	2	2	2
800-32	Screw, Hex Head Cap - Gear Cover - 5/16-18 x 1-3/4"	4	4	4	4	4	4
800-34	Screw, Hex Head Cap - Gear Cover - 5/16-18 x 2-1/4"	1	1	1	1	1	1
800-51	Screw, Hex Head Cap - 3/8-16 x 1-1/4"	5	5	5	5	5	5

WHEN ORDERING PARTS BE SURE TO INCLUDE MODEL AND SERIAL NUMBER OF UNIT!

REF.	PART NO.	DESCRIPTION	QUANTITY USED					
			A	B	C	D	E	F
1	110B881	Valve, Intake - Steel	2	2	2	2	2	2
2	110B880	Valve, Exhaust - Stellite	2	2	2	2	2	2
3	110A872	Insert, Exhaust Valve Seat - Stellite	2	2	2	2	2	2
4	509-30	Seal, "O" Ring - Intake Valve Guide Only	2	2	2	2	2	2
5	110A902	Guide, Valve	4	4	4	4	4	4
6	110A539	Spring, Valve	4	4	4	4	4	4
7	110A893	Washer, Valve Spring Retainer - Intake Only	2	2	2	2	2	2
8	110A639	Lock, Rotocap of Spring Retainer Washer	8	8	8	8	8	8
9	115A6	Tappet, Valve	4	4	4	4	4	4
10	110A904	Rotocap, Exhaust Valve	2	2	2	2	2	2
FIG. B - VALVE GROUP								
FIG. C - CRANKSHAFT & FLYWHEEL GROUP								
1	526A17	Washer, Flywheel Mounting	1	1	1	1	1	1
2	515-2	Key, Flywheel Mounting - Steel (Replaces Aluminum)	1	1	1	1	1	1
3	104A170	Screw, Flywheel Mounting	1	1	1	1	1	1
4A	160D202	Flywheel, Magneto - Less Rope Sheave - Pressure Cooled Plants	1	1	1	1	1	1
4B	160B222	Sheave, Rope	1	1	1	1	1	1
5	518-14	Lock, Crankshaft Gear Washer	1	1	1	1	1	1
6	104A43	Washer, Crankshaft Gear Retainer	1	1	1	1	1	1
7	105A72	Gear Set, Timing - Incl. Crankshaft and Camshaft Gears	1	1	1	1	1	1
8	104D256	Crankshaft	1	1	1	1	1	1
9	515-1	Key, Crankshaft Gear Mounting	1	1	1	1	1	1
10	192A83	Rope, Starting - For Rope Sheave Only	1	1	1	1	1	1
11	134D591	Wheel, Blower - Battery Ignition Pressure-cooled Plants	1	1	1	1	1	1
11A	134B565	Wheel, Blower Ignition Vacuum-Cooled Plants	1	1	1	1	1	1

FIG. B - VALVE GROUP

FIG. C - CRANKSHAFT & FLYWHEEL GROUP

WHEN ORDERING PARTS BE SURE TO INCLUDE MODEL AND SERIAL NUMBER OF UNIT.

PARTS LIST

REF. PART NO.	DESCRIPTION	QUANTITY USED					
		A	B	C	D	E	F
FIG. C - CRANKSHAFT & FLYWHEEL GROUP (CONT.)							
12	192B291 Sheave, Rope - Use with Battery Ignition Pressure-Cooled Plants..	1					1
12A	192B272 Sheave, Rope - Use with Battery Ignition Vacuum-Cooled Plants	1					1
13	104D266 Flywheel - No Fins - Battery Ignition Vacuum-Cooled Plants	1					1
	812-150 Screw, Round Head - 1/4-20 x 5/8" - Rope Sheave	4	4	4	4	4	4

FIG. D - CRAMSHAFT GROUP

1	150A78 Ring, Cramshaft Center Pin Snap.....	1	1	1	1	1	1
2	150A612 Cup, Governor	1	1	1	1	1	1
3	510-15 Ball, Governor Fly	10	10	10	10	10	10
4	150B85 Spacer, Governor Fly Ball	1	1	1	1	1	1
5	150A77 Plate, Governor Fly Ball	1	1	1	1	1	1
6	105A72 Gear Set, Timing - Includes Crankshaft & Camshaft Gears	1	1	1	1	1	1
7	105A4 Washer, Thrust - Camshaft Gear	1	1	1	1	1	1
8	515-1 Key, Camshaft Gear Mounting	1	1	1	1	1	1
9	105-140 Camshaft - Includes Center Pin	1	1	1	1	1	1
10	150A75 Pin, Camshaft Center	1	1	1	1	1	1

FIG. E - CONNECTING ROD & PISTON GROUP

1	113A82 Ring, Compression - Specify: Standard 0.010", 0.020", or 0.030"	4	4	4	4	4	4
2	113A86 Ring, Oil Control - Specify: Standard 0.010", 0.020", or 0.030"	2	2	2	2	2	2
3	112-71 Piston & Pin - Incl. Retaining Rings - Specify: Standard Size or, 0.010", 0.020" or 0.030" O.S. (O.S. priced slightly higher)	2	2	2	2	2	2
4	112A69 Pin, Piston - Specify: Standard, or 0.002" Oversize	2	2	2	2	2	2

WHEN ORDERING PARTS BE SURE TO INCLUDE MODEL AND SERIAL NUMBER OF UNIT!

PARTS LIST

19

REF. NO.	PART NO.	DESCRIPTION	QUANTITY USED					
			A	B	C	D	E	F
5	112A3	Ring, Piston Pin Retaining	4	4	4	4	4	4
6	114C98	Rod, Connecting - Specify Standard, or 0.020 Undersize	2	2	2	2	2	2
7	113A88	Ring Set, Piston - For One Piston Only - Specify Standard, 0.010", 0.020" or 0.030" Oversize	2	2	2	2	2	2
8	114A10	Screw, Connecting Rod Cap	4	4	4	4	4	4
9	114A59	Washer, Connecting Rod Cap Screw Lock	4	4	4	4	4	4
10	113A85	Expander, Oil Ring	2	2	2	2	2	2
FIG. E - CONNECTING ROD & PISTON GROUP (CONT.)								
1	145B80	Inlet, Carburetor Air	1	1	1	1	1	1
2	503-280	Clamp, Air Cleaner Hose	3	3	3	3	3	3
3	503A286	Hose, Air Cleaner	1	1	1	1	1	1
3A	140A211	Sleeve, Air Cleaner Hose	1	1	1	1	1	1
4	503-107	Clamp, Air Inlet to Carburetor	1	1	1	1	1	1
5	502-2	Elbow, Inverted Male - (1) Fuel Pump, (1) Fuel Filter	2	2	2	2	2	2
6	142A363	Carburetor, Gasoline - Manual Choke Plants	1	1	1	1	1	1
6	142A364	Carburetor, Gasoline - Electric Choke Plants	1	1	1	1	1	1
6A	142C367	Carburetor, Gas-Gasoline Combination - Manual Choke Plants	1	1	1	1	1	1
6A	142C366	Carburetor, Gas-Gasoline Combination - Electric Choke Plants	1	1	1	1	1	1
7	140C399	Cleaner, Air	1	1	1	1	1	1
8	154C372	Manifold, Exhaust - Pressure-Cooled Plants	1	1	1	1	1	1
8A	154C377	Manifold, Exhaust - Vacuum-Cooled Plants	1	1	1	1	1	1
8B	505-138	Coupling, Pipe Reducer - 1-1/4 x 1" - Exhaust Manifold	1	1	1	1	1	1
9	154A360	Gasket, Exhaust Manifold or Muffler Mounting	2	2	2	2	2	2
10	141A78	Gasket, Carburetor Mounting	1	1	1	1	1	1
12	154A363	Manifold, Intake	1	1	1	1	1	1
14	154A13	Gasket, Intake Manifold	2	2	2	2	2	2
16	149A45	Spacer, Fuel Pump	1	1	1	1	1	1
17	149A3	Gasket, Fuel Pump Mounting	2	2	2	2	2	2
18	140A68	Screen, Air Cleaner	1	1	1	1	1	1

WHEN ORDERING PARTS BE SURE TO INCLUDE MODEL AND SERIAL NUMBER OF UNIT!

PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	QUANTITY USED					
			A	B	C	D	E	F
FIG. F - FUEL SYSTEM GROUP (Cont.)								
19	140A405	Cup Assembly, Afr Cleacher - Excludes Screen	1	1	1	1	1	1
21	149C602	Pump, Fuel - With Priming Lever	1	1	1	1	1	1
22	501B5	Line, Flexible Fuel - Fuel Filter to Fuel Pump, 18-1/2"	1	1	1	1	1	1
22	501A4	Line, Flexible Fuel - Fuel Filter to Fuel Pump, 12"	1	1	1	1	1	1
22	501-15	Line, Flexible Fuel - Fuel Filter - Fuel Pump 16"	1	1	1	1	1	1
23	159C546	Tank, Fuel	1	1	1	1	1	1
24	149B79	Filter, Fuel	1	1	1	1	1	1
25	149-149	Gasket, Fuel Filter Bowl - Not Illustrated	1	1	1	1	1	1
25A	149-150	Bowl, Fuel Filter - Not Illustrated	1	1	1	1	1	1
26	149A616	Bracket, Fuel Filter	1	1	1	1	1	1
27	159A537	Strap, Fuel Tank Mounting	1	2	1	2	1	1
29	504A13	Valve, Shutoff	1	1	1	1	1	1
30	415A10	Tank, Fuel - Less Fuel Shutoff Valve - Separate, 5 U.S. Gallon	1	1	1	1	1	1
31	159B20	Cap, Fuel Tank - Portable Plants Only	1	1	1	1	1	1
32	501A9	Line, Fuel - Tank to Bracket - Flexible, 36"	1	1	1	1	1	1
33	149A611	Line, Fuel - Fuel Pump to Carburetor	1	1	1	1	1	1
34	153A113	Cover, Electric Choke	1	1	1	1	1	1
37	153A116	Bracket, Manual Choke	1	1	1	1	1	1
38	153B97	Choke, Manual	1	1	1	1	1	1
39	153A53	Bracket, Electric Choke	1	1	1	1	1	1
40	153A117	Element, Choke Bi-Metal	1	1	1	1	1	1
41	159D531	Bracket, Fuel Tank Mounting	1	1	1	1	1	1
42	149A271	Rod, Fuel Pump Primer	1	1	1	1	1	1
43	526-63	Washer, Flat Copper - Fuel PumpMounting	2	2	2	2	2	2
44	502-2	Elbow, Inverted Male - Filter Bracket	1	1	1	1	1	1
45	149A616	Bracket, Fuel Filter - Includes Coupling	1	1	1	1	1	1
46	502-46	Nipple, Close - 1/8 Brass Pipe - Bracket to Filter Inlet	1	1	1	1	1	1
47	505-98	Nipple, Pipe Close - 1/8 x 3/4 - Filter Inlet	1	1	1	1	1	1

WHEN ORDERING PARTS BE SURE TO INCLUDE MODEL AND SERIAL NUMBER OF UNIT!

PARTS LIST

21

REF. NO.	PART NO.	DESCRIPTION	QUANTITY USED					
			A	B	C	D	E	F

FIG. F. - FUEL SYSTEM GROUP (CONT.)

149K526	Repair Kit, Fuel Pump - If not available use 149K74
142K371	Repair Kit, Carburetor
142-33	Gasket Kit, Carburetor

FIG. G - CARBURETOR PARTS GROUP

142A363	Carburetor, Gasoline Manual & Portable Plants
142A364	Carburetor, Gasoline Remote & Electric Start Plants
142C367	Carburetor, Gas-Gasoline Combination - Manual & Portable Plants.
142C366	Carburetor, Gas-Gasoline Combination - Remote Plants
1 815-103	Screw, Bowl Cover - #10-24 x 1 1/2
1 815-109	Screw, Bowl Cover - #10-24 x 5 7/8
2 142-238	*Screw, Choke Fly - #4-40 x 3/16
3 142-55	Fly Assembly, Choke - Manual & Portable Plants
3 142-37	Fly, Choke - Remote Plants
4 142-205	Sleeve Assembly, Choke
5 142-217	Shaft Assembly, Choke - Manual & Portable Plants
5 142-183	Shaft Assembly, Choke - Remote Plants
6 142-39	*Shaft, Float
7 142-31	Gasket, Body to Bowl
8 148A17	Gasket, Float Valve Seat and Main Adjusting Needle Retainer
9 142-49	*Valve and Seat Assembly, Float - Includes Gasket
10 142-32	Gasket, Nozzle
11 142-235	Nozzle Assembly
12 142-38	Float and Lever Assembly
13 145A8	Lever, Idle Stop
14 142-40	Needle, Idle Adjusting
15 142-282	Spring, Idle Needle Adjusting

WHEN ORDERING PARTS BE SURE TO INCLUDE MODEL AND SERIAL NUMBER OF UNIT!

PARTS LIST

REF. PART NO.	DESCRIPTION	QUANTITY USED					
		A	B	C	D	E	F
FIG. G - CARBURETOR PARTS GROUP (CONT.)							
16	142A35	Spring, Throttle Stop Adjusting Screw	1	1	1	1	1
17	812-63	Screw, Throttle Stop Adjusting - #6-32 x 1/2	1	1	1	1	1
18	142-281	*Screw, Throttle Fly - #4-40 x 1/4	2	2	2	2	2
19	142-369	Fly, Throttle	1	1	1	1	1
20	142-368	*Shaft Assembly, Throttle	1	1	1	1	1
21	142-370	Nut & Jet, Nozzle	1	1	1	1	1
22	142-46	Retainer, Main Adjusting Needle	1	1	1	1	1
23	142-206	Packing, Main Adjusting Needle	1	1	1	1	1
24	142-45	Retainer, Main Adjusting Needle Packing	1	1	1	1	1
25	516A27	Pin, Main Adjusting Needle	1	1	1	1	1
26	142-41	*Needle, Main Adjusting	1	1	1	1	1
27		Body Assembly - Not Sold Separately	1	1	1	1	1
28	505-53	Plug, Gas Inlet	1	1	1	1	1
29	142-42	Needle Assembly - Includes Packing, Nut and Retainer	1	1	1	1	1
30	142-343	Bushing, Throttle Shaft	2	2	2	2	2
	870-53	Nut, Throttle Stop	1	1	1	1	1
	813-102	Screw, Throttle Stop Clamp	1	1	1	1	1
	142-33	*Gasket Kit, Carburetor	1	1	1	1	1
	142K371	Repair Kit, Carburetor	1	1	1	1	1
* Contained in Repair Kit #142K371							
FIG. H - FUEL PUMP PARTS GROUP							
149C602		Pump, Fuel - ONAN with primer lever	1	1	1	1	1
149K526		Kit, Fuel Pump Repair - Includes Parts marked (***)	1	1	1	1	1
		Body, Upper - Not Sold Separately	x	x	x	x	x

WHEN ORDERING PARTS BE SURE TO INCLUDE MODEL AND SERIAL NUMBER OF UNIT!

REF. PART NO.	DESCRIPTION	QUANTITY USED					
		A	B	C	D	E	F
FIG. H - FUEL PUMP GROUP (CONT.)							
2	Screw, Hex Head Self Tapping - #8-32 x 7/8 - Pump Assembly	4	4	4	4	4	4
3	Screw, Phillips Flat Head Self Tapping - #6-32 x 5/8 Valve Retainer.	2	2	2	2	2	2
4	**Valve and Cage	2	2	2	2	2	2
5	149A95 ***Gasket, Valve	2	2	2	2	2	2
6	149A582 ***Diaphragm Assembly	1	1	1	1	1	1
7	149A93 ***Spring, Diaphragm	1	1	1	1	1	1
8	149A539 Retainer, Valve Cage	1	1	1	1	1	1
9	149A94 ***Spring, Rocker Arm	1	1	1	1	1	1
10	516A113 Pin, Rocker Arm	1	1	1	1	1	1
11	Body, Lower - Not Sold Separately	x	x	x	x	x	x
12	149A544 Link, Rocker Arm	1	1	1	1	1	1
13	149A86 Arm, Rocker	1	1	1	1	1	1
14	149A551 Lever, Hand Primer	1	1	1	1	1	1
15	509-65 Seal, "O" Ring	2	2	2	2	2	2
16	149A404 Spring, Fuel Pump Priming Lever	1	1	1	1	1	1
17	149A3 ***Gasket, Fuel Pump Mounting	1	1	1	1	1	1
18	518-129 Ring, "E" Retainer - Priming Lever Shaft	1	1	1	1	1	1
FIG. J - GOVERNOR GROUP							
1	150A136 Screw, Governor Sensitivity Adjusting	1	1	1	1	1	1
2	150A98 Spring, Governor	1	1	1	1	1	1
3	150A96 Stud, Governor Speed Adjusting	1	1	1	1	1	1
4	150A40 Bracket, Governor Spring	1	1	1	1	1	1
5	150A89 Nut, Governor Speed Adjusting	1	1	1	1	1	1
6	150A300 Joint, Governor Link Ball	1	1	1	1	1	1
7	150A501 Link, Governor Arm to Carburetor - 5-3/8", (Replaces 150A37)	1	1	1	1	1	1

WHEN ORDERING PARTS BE SURE TO INCLUDE MODEL AND SERIAL NUMBER OF UNIT!

PARTS LIST

REF. PART NO.	DESCRIPTION	QUANTITY USED						WHEN ORDERING PARTS BE SURE TO INCLUDE MODEL AND SERIAL NUMBER OF UNIT!
		A	B	C	D	E	F	
FIG. K - OIL PUMP GROUP								
1	120A394	Pump, Oil - Complete Pump	1	1	1	1	1	1
2	120B411	Cup, Oil Pump Intake - Includes Pipe, Cup & Screen - Use with 3 quart Oil Base - Manual & Portable Plants	1	1	1	1	1	1
2A	120B409	Cup, Oil Pump Intake - Includes Pipe, Cup & Screen - Use with 4 quart Oil Base - Remote Plants	1	1	1	1	1	1
3	120A187	Stud Assembly, By-Pass Adjusting - Includes Stud & Nut	1	1	1	1	1	1
4	120A140	Spring, By-Pass Valve	1	1	1	1	1	1
5	120A398	Valve, By-Pass	1	1	1	1	1	1
6	120K161	Gasket Kit, Oil Pump	1	1	1	1	1	1
6	309-10	Switch, Low Oil Pressure Cutoff (Optional)	1	1	1	1	1	1
6	122-37	Cartridge, Oil Filter - Includes Gaskets (Optional)	1	1	1	1	1	1
6	526-66	Washer, Copper - Oil Pressure Relief Valve Adjusting Screw	1	1	1	1	1	1
FIG. L - IGNITION GROUP								
1	160A152	Cover, Breaker Box	1	1	1	1	1	1
2	160A150	Gasket, Breaker Box Cover	1	1	1	1	1	1
3	160A15	Pivot, Breaker Box	1	1	1	1	1	1
4	160A2	Point Set, Breaker	1	1	1	1	1	1
5	336A530	Lead, Ignition Coil to Terminal Block - Unshielded 4 inch	1	1	1	1	1	1
6	312A69	Condenser, Breaker Box - 0.3 Mid.	1	1	1	1	1	1
6	312A63	Condenser, Breaker Box - 0.2 Mid.	1	1	1	1	1	1
7	336A507	Lead, Breaker Box to Terminal Block - Shielded	1	1	1	1	1	2
8	160A43	Gasket, Breaker Box Mounting (Plants with Spacer, use two)	1	1	2	2	2	2
9	508-5	Grommet, Spark Plug Cable - In Blower Housing	2	2	2	2	2	2
10	160A262	plunger, Breaker - Includes Plunger, Diaphragm & Guide - For Manual and Portable Plants	1	1	1	1	1	1

REF. NO.	PART NO.	DESCRIPTION	QUANTITY USED					
			A	B	C	D	E	F
10	160A268	Plunger, Breaker - Includes Plunger, Diaphragm & Guide - For Remote Plants	1	1	1	1	1	1
11	167A1112	Cable, Spark Plug - Shielded - Right Hand - 9 inch	1	1	1	1	1	1
12	160C483	Coil, Ignition	1	1	1	1	1	1
13	167A1289	Cable, Spark Plug - Shielded - Left Hand - 23 inch	1	1	1	1	1	1
14	160A282	Coil, Magneto Stator	1	1	1	1	1	1
14A	160A281	Pole Shoe, Magneto Stator	1	1	1	1	1	1
14B	162A196	Stator Assembly, Magneto - Includes Coil & Backplate ORDER COMPONENT PARTS	1	1	1	1	1	2
15	167-28	Plug, Spark	2	2	2	2	2	2
16	160A257	Box Assembly, Ignition Breaker - Complete - For Manual and Portable Plants - (Magneto Ignition)	1	1	1	1	1	1
16	160A251	Box Assembly, Ignition Breaker - Complete with Spacer - For Remote Plants - (Battery Ignition)	1	1	1	1	1	1
17	160A488	Clamp, Ignition Coil	1	1	1	1	1	1
18	166-105	Nipple, Ignition Coil Rubber	2	2	2	2	2	2
19	503-92	Sleeve, Rubber Spark Plug Lead to Housing	1	1	1	1	1	1
20	336A1038	Lead - 5 inch - Coil to Terminal Block	1	1	1	1	1	1
21	336A368	Lead - 6 inch - Coil to Terminal Block	1	1	1	1	1	1
22	160A428	Strap, Point Set to Breaker Box Terminal Block	1	1	1	1	1	1
23	332A319	Block, Breaker Box Terminal	1	1	1	1	1	1
24	332A273	Clamp, Magneto Lead	1	1	1	1	1	1
26	336A521	Lead, Stator to Terminal Block - On Blower Housing	1	1	1	1	1	1
27	336A439	Lead, Ground - Breaker Box to Manifold	1	1	1	1	1	1
28	160A246	Spacer, Breaker Box	1	1	1	1	1	1
29	508-2	Grommet, Stator Lead Rubber	1	1	1	1	1	1
30	160A261	Wick, Breaker Box Oil Drain	1	1	1	1	1	1
31	308A94	Switch, Remote Start-Stop - Momentary Contact - Optional Accessory	1	1	1	1	1	1

WHEN ORDERING PARTS BE SURE TO INCLUDE MODEL AND SERIAL NUMBER OF UNIT!

PARTS LIST

REF. PART NO.	DESCRIPTION	QUANTITY USED					
		A	B	C	D	E	F
FIG. L - IGNITION GROUP (CONT.)							
31A	312A35 Condenser - 0.1 Mfd. - Basic #312A15 plus term. - Ign. Coil Supp.			1			1
32	332A284 Screw, Terminal Block Mounting - On Blower Housing	2	2	2	2	2	2
33	332A272 Block, Terminal - On Blower Housing	1	1	1	1	1	1
34	167A67 Shield, Spark Plug - Includes Clamp & Shields	2	2	2	2	2	2
	167A64 Clamp, Spark Plug Shield	2	2	2	2	2	2
	815-111 Screw, Fill Head - 1/4-20 x 5/8" - Breaker Box	1	1	1	1	1	1
	815-112 Screw, Fill Head - 1/4-20 x 3/4" - Breaker Box	1	1	1	1	1	1
	812-155 Screw, Round Head - 1/4-20 x 1-1/4" - Mounting Stator	2	2	2	2	2	2
	812-59 Screw, Round Head - #6-32 x 1/4" - Stator Primary Lead	1	1	1	1	1	1
	812-153 Screw, Round Head - 1/4-20 x 1" - Ignition Coil	1	1	1	1	1	1
FIG. M - MUFFLER GROUP							
1	155B484 Muffler, Exhaust - Portable Plants	1	1	1	1	1	1
2	155B127 Tubing, Flexible Exhaust - Manual and Remote Plants	1	1	1	1	1	1
3	155B76 Muffler, Exhaust - Manual and Remote Plants	1	1	1	1	1	1
4	505-3 Elbow, Street - Exhaust Outlet - Portable Plants	1	1	1	1	1	1
5	505-30 Coupling, Pipe - Portable Plants	1	1	1	1	1	1
6	155A295 Plate, Exhaust Wall	1	1	1	1	1	1
7	505-4 Nipple, Pipe Close - 1" Portable Plants	1	1	1	1	1	1

WHEN ORDERING PARTS BE SURE TO INCLUDE MODEL AND SERIAL NUMBER OF UNIT!

REF.	PART NO.	DESCRIPTION	QUANTITY USED					
			A	B	C	D	E	F
FIG. N - HOUSING AND STOP BUTTON GROUP								
1	405C963	Hood, Engine	1	1	1	1	1	1
1	405C960	Hood, Engine - Pressure-Cooled Plants	1	1	1	1	1	1
2	134D589	Housing, Cylinder Air - Left Hand (#1 cylinder)	1	1	1	1	1	1
3	134D569	Housing, Blower - Pressure-Cooled Plants	1	1	1	1	1	1
3A	134D594	Housing, Blower - Vacuum-Cooled Plants - No grille	1	1	1	1	1	1
4	134D588	Housing, Cylinder Air - Right Hand (#2 cylinder)	1	1	1	1	1	1
5	193-5	Gauge, Oil Pressure	1	1	1	1	1	1
6	501A4	Line, Flexible Oil	1	1	1	1	1	1
7	313A18	Button, Stop - Manual & Portable Plants	1	1	1	1	1	1
8	160B500	Bracket, Ignition Timing - Vacuum-Cooled Plants	1	1	1	1	1	1
9	870-110	Nut, Speedgrip - Readi-Pull Starter Mounting on Manual and Portable Plants or Air Scroll Mounting on Vacuum-Cooled Plants	4	4	4	4	4	4
10	502-5	Elbow, Inverted Female - On Oil Gauge	1	1	1	1	1	1
11	336A491	Lead, Stop Button - Manual and Portable Plants	1	1	1	1	1	1
11	336A1049	Lead, Stop - 32 inch - Pressure-Cooled Remote Plants	1	1	1	1	1	1
11	336A1037	Lead, Stop - 29 inch - Vacuum-Cooled Remote Plants	1	1	1	1	1	1
12	405C954	Cover, Cylinder #2 - Right Hand - Pressure-Cooled Plants	1	1	1	1	1	1
13	405C955	Cover, Cylinder #1 - Left Hand - Pressure-Cooled Plants	1	1	1	1	1	1
14	134D564	Scroll, Air - Vacuum-Cooled Plants	1	1	1	1	1	1
FIG. O - VACUUM SPEED BOOSTER GROUP								
150K433		Kit, Vacuum Speed Booster Replacement - Includes External Spring & Mounting Gasket	1	1	1	1	1	1
1	150A430	Bracket, Spring to Governor Link	1	1	1	1	1	1
2	150K434	Kit, Diaphragm Replacement - Includes Gaskets	1	1	1	1	1	1
3	150A374	Gasket, Diaphragm Plate	1	1	1	1	1	1
4	150A425	Gasket, Booster to Manifold - Neoprene	1	1	1	1	1	1
5	150A366	Spring, Internal or External	2	2	2	2	2	2
6	150A376	Bracket, Internal Spring Adjusting	1	1	1	1	1	1
7	516-39	Pin, Cotter - 3/32 x 5/8 - Adjusting Bracket	1	1	1	1	1	1

WHEN ORDERING PARTS BE SURE TO INCLUDE MODEL AND SERIAL NUMBER OF UNIT!

PARTS LIST

REF.	PART NO.	DESCRIPTION	QUANTITY USED					
			A	B	C	D	E	F
FIG. O - VACUUM SPEED BOOSTER GROUP (CONT.)								
8	150A373	Plate, Diaphragm Pin, Roll - 3/32 x 3/4 - Diaphragm Lever Pivot	1	1	1	1	1	1
9	516-85	1	1	1	1	1	1
FIG. P - READY-PULL STARTER GROUP								
192K215		Starter Kit - Complete Model "D" Replacement - Includes Mounting Ring and Ratchet Wheel - Manual and Portable Plants	1	1	1	1	1	1
1	192A45	Rope & Grip Assembly	1	1	1	1	1	1
2	192-43	Rope, Starter - Less Grip - 83" Long	1	1	1	1	1	1
3	192A44	Grip, Starter Rope - Rubber	1	1	1	1	1	1
4	517A25	Plug, Starter Rope Grip	1	1	1	1	1	1
5	192C152	Cover, Starter	1	1	1	1	1	1
6	192A153	Wheel, Cog - Anti-Backlash	1	1	1	1	1	1
7	516-83	Pin, Roll - 3/16 x 5/8 - Recoil Spring	1	1	1	1	1	1
8	192A39	Spring, Recoil	1	1	1	1	1	1
9	526A123	Washer, Thrust - Sheave Bushing to Cover	1	1	1	1	1	1
10	192B180	Sheave, Rope Pawl	1	1	1	1	1	1
11	192A172	Pawl	2	2	2	2	2	2
12	192A165	Spring, Pawl	2	2	2	2	2	2
13	192A168	Arm, Ratchet	2	2	2	2	2	2
14	516-110	Pin, Roll - 5/16 x 1/2" - (2) Ratchet Arm, (2) Pawl	4	4	4	4	4	4
15	192A167	Clamp, Rope	1	1	1	1	1	1
16	192A163	Bearing, Sheave Hub - Bronze	1	1	1	1	1	1
17	802-74	Capscrew, Socket Head - 3/8-16 x 1-1/2 - Sheave Bushing to Cover	1	1	1	1	1	1
18	870-138	Nut, Flexlock - Bushing to Cover Screw	1	1	1	1	1	1
19	526A21	Washer, Flat - Starter to Mounting Ring	4	4	4	4	4	4

FIG. O - VACUUM SPEED BOOSTER GROUP (CONT.)

FIG. P - READY-PULL STARTER GROUP

Starter Kit - Complete Model "D" Replacement - Includes Mounting Ring and Ratchet Wheel - Manual and Portable Plants	
Rope & Grip Assembly	
Rope, Starter - Less Grip - 83" Long	
Grip, Starter Rope - Rubber	
Plug, Starter Rope Grip	
Cover, Starter	
Wheel, Cog - Anti-Backlash	
Pin, Roll - 3/16 x 5/8 - Recoil Spring	
Spring, Recoil	
Washer, Thrust - Sheave Bushing to Cover ,.....	
Sheave, Rope	
Pawl	
Spring, Pawl	
Arm, Ratchet	
Pin, Roll - 5/16 x 1/2" - (2) Ratchet Arm, (2) Pawl	
Clamp, Rope	
Beating, Sheave Hub - Bronze	
Capscrew, Socket Head - 3/8-16 x 1-1/2 - Sheave Bushing to Cover	
Nut, Flexlock - Bushing to Cover Screw	
Washer, Flat - Starter to Mounting Ring	
520A21	
19	

WHEN ORDERING PARTS BE SURE TO INCLUDE MODEL AND SERIAL NUMBER OF UNIT.

REF. PART NO.	DESCRIPTION	QUANTITY USED					
		A	B	C	D	E	F
FIG. P - READI-PULL STARTER GROUP (CONT.)							
20	192C186	Ring, Mounting - Starter to Blower Housing		1	1	1	1
21	870-110	Nut, Speed Grip - Starter Ring to Blower Housing		4	4	4	4
22	192A170	Wheel, Ratchet		1	1	1	1
23	192A218	Capscrew, Socket Head - Ratchet Wheel to Flywheel		2	2	2	2
FIG. Q - CARRYING FRAME GROUP							
1	403C370	Frame, Carrying - Portable Plants		1	1	1	1
2	337A50	Strap, Ground - Plant to Carrying Frame		1	1	1	1
FIG. R - DOLLY GROUP - PORTABLE PLANTS							
410C235	Dolly Assembly - Complete			1		1	2
2	410C148	"U" Bolt			2		2
3	410B232	Axle, Dolly			1		1
4	410B147	Handle, Dolly			2		2
5	403-205	Grip, Handle			2		2
6	410B179	"U" Channels			2		2
7	406-62	Nut, Handle			2		2
8	410A158	Bolt, Wedge			2		2
9	410P236	Wheel & Tire Assembly - 16 x 4.00 -			2		2
10	518-130	Ring, "E" Retaining - Dolly Wheel to Axle			2		2
11	410A238	Lock, Handle			2		2

WHEN ORDERING PARTS BE SURE TO INCLUDE MODEL AND SERIAL NUMBER OF UNIT!

PARTS LIST

REF. PART NO.	DESCRIPTION	QUANTITY USED					
		A	B	C	D	E	F
1 201A759	Armature Assembly, - Includes Blower & Bearing - 115 Volt, 60 Cycle	1	1	1			
1 201A771	Armature Assembly, - Includes Blower & Bearing - 230 Volt, 60 Cycle	1	1	1			
1 201A704	Armature Assembly, - Includes Blower & Bearing - 115/230 Volt, 60 Cycle, 1 Phase	1	1	1			
1 201A762	Armature Assembly, - Includes Blower & Bearing - 230 Volt, 60 Cycle, 3 Phase	1	1	1			
1 201A758	Armature Assembly, - Includes Blower & Bearing - 115 Volt, 60 Cycle	1	1	1			
1 201A763	Armature Assembly, - Includes Blower & Bearing - 230 Volt, 60 Cycle	1	1	1			
1 201A705	Armature Assembly, - Includes Blower & Bearing - 115/230 Volt, 60 Cycle, 1 Phase	1	1	1			
1 201A764	Armature Assembly, - Includes Blower & Bearing - 230 Volt, 60 Cycle, 3 Phase	1	1	1			
2 205C53	Blower, Generator						
3 515-6	Key, Blower to Crankshaft						
4 510A47	Bearing, Ball - Double Sealed, Pre-lubricated	1	1	1	1	1	1
5 232A596	Clip, Bearing Stop	1	1	1	1	1	1
6 520A491	Stud, Armature Through - 7/16 x 14-3/8 - 2 Ring Plant	1	1	1	1	1	1
6 520A525	Stud, Armature Through - 7/16 x 15-7/8 - 3 Ring Plant	1	1	1	1	1	1
6 520A407	Stud, Armature Through - 7/16 x 17-3/4 - 2 Ring Plant	1	1	1	1	1	1
6 520A416	Stud, Armature Through - 7/16 x 19-3/8 - 3 Ring Plant	1	1	1	1	1	1

NOTE: For 50 Cycle Models, use this list as a guide and order by description.
Furnish nameplate data.

FIG. 8 - GENERATOR GROUP

WHEN ORDERING PARTS BE SURE TO INCLUDE MODEL AND SERIAL NUMBER OF UNIT!

FIG. S - GENERATOR GROUP (CONT.)

REF.	PART NO.	DESCRIPTION	QUANTITY USED					
			A	B	C	D	E	F
7	210A1489	Frame Assembly - Includes Field Coils and Pole Shoes	1	1	1	1	1	1
7	210A1484	Frame Assembly - Includes Field Coils and Pole Shoes	1	1	1	1	1	1
7	210A1490	Frame Assembly - Includes Field Coils and Pole Shoes	1	1	1	1	1	1
7	210A1471	Frame Assembly - Includes Field Coils and Pole Shoes	1	1	1	1	1	1
8	221A91	Shoe, Pole - 4-1/2 inch	4	4	4	4	4	4
8	221A90	Shoe, Pole - 7-1/2 inch	4	4	4	4	4	4
9	222A1460	Coil Assembly, Field - Set of 4 - 60 Cycle - Manual & Portable	1	1	1	1	1	1
9	222A1435	Coil Assembly, Field - Set of 4 - 60 Cycle - Remote	1	1	1	1	1	1
9	222A1438	Coil Assembly, Field - Set of 4 - 60 Cycle - Manual & Portable	1	1	1	1	1	1
9	222A1416	Coil Assembly, Field - Set of 4 - 60 Cycle - Remote	1	1	1	1	1	1
10	212C223	Rig Assembly, Brush - 115 Volt Plant, 1 Phase	1	1	1	1	1	1
10	212C225	Rig Assembly, Brush - 230 Volt Plant, 1 Phase	1	1	1	1	1	1
10	212C226	Rig Assembly, Brush - 115 Volt and 230 Volt, 1 Phase Plant	1	1	1	1	1	1
11	212C122	Rig Assembly, Brush - 115/230 Volt, 1 Phase Plant	1	1	1	1	1	1
11	212C136	Rig Assembly, Brush - 230 Volt, 3 Phase Plant	1	1	1	1	1	1
11	212C224	Rig Assembly, Brush - 115/230 Volt, 1 Phase Plant	1	1	1	1	1	1
12	212A1060	Clip, Brush Rig Fastening	4	4	4	4	4	4
13	214A61	Brush, Commutator - 2 Ring Plant	4	4	4	4	4	4
13	214A30	Brush, Commutator - 3 Ring Plant	4	4	4	4	4	4
14	214A50	Brush, Collector Ring - 115 Volt and 230 Volt, 1 Phase	4	4	4	4	4	4
14	214A62	Brush, Collector Ring - 115/230 Volt, 1 Phase	3	3	3	3	3	3
14	214A32	Brush, Collector Ring - 115/230 Volt, 1 Phase	3	3	3	3	3	3
14	214A32	Brush, Collector Ring - 230 Volt, 3 Phase	3	3	3	3	3	3
14	214A56	Brush, Collector Ring - 115 Volt, 1 Phase	4	4	4	4	4	4
14	214A50	Brush, Collector Ring - 230 Volt, 1 Phase	4	4	4	4	4	4

WHEN ORDERING PARTS BE SURE TO INCLUDE MODEL AND SERIAL NUMBER OF UNIT!

PARTS LIST

REF. PART NO.	DESCRIPTION	QUANTITY USED					
		A	B	C	D	E	F
15	212A1004						
15	212A1003	Spring, Collector Ring Brush - 3 Ring Plants	3	3	3	3	3
16	212B1105	Spring, Commutator Brush - 3 Ring Plants	4	4	4	4	4
17	312A27	Spring, Constant Pressure Type - AC & DC Brush - 2 Ring Plants .	8	8	8	8	8
18	312A17	Condenser - 0.5 Mid. - On DC - 3 Ring Plants	1	1	1	1	1
18	312A17	Condenser - 0.5 Mid. - 115 Volt Plants - On DC	1	1	1	1	1
19	312A15	Condenser - 0.5 Mid. - On DC - 3 Ring Plants	1	1	1	1	1
19	312A15	Condenser - 0.1 Mid. - For AC Brush, 2-Ring Plants	1	1	1	1	1
20	234C2	Condenser - 0.1 Mid. - For AC Brush, 3 Ring Plants	2	2	2	2	2
20	234C5	Band, End Bell - 2 Ring Plants	1	1	1	1	1
21	232B1256	Band, End Bell - 3 Ring Plants	1	1	1	1	1
22	231B1005	Scroll, Air Baffle	1	1	1	1	1
23	211D97	Adapter, Generator to Engine	1	1	1	1	1
23	211D98	Bell, End - 2 Ring Plants	1	1	1	1	1
24	520A502	Bell, End - 3 Ring Plants	1	1	1	1	1
24	520A498	Stud, Generator Through - 5/16 x 12-3/16"	2	2	2	2	2
25	211C99	Stud, Generator Through - 5/16 x 15-13/16"	1	1	1	1	1
25	815-48	Cover, End Bell	2	2	2	2	2
		Screw, Rd. Hd. Self Tapping - #10-32 x 3/8" - Cover Mounting					

FIG. S - GENERATOR GROUP (CONT.)

FIG. T - CONTROL GROUP

1	330-28	Box, Junction	1	1	1
1 A	301C1279	Box, Receptacle	1	1	1
2	330-6	Cover, Junction Box	1	1	1
2 A	301B525	Panel, Receptacle Box - 1 Phase Plants	1	1	1
2 B	301B1265	Panel, Receptacle Box 3 Phase Plants	1	1	1
3	301C1277	Bracket, Junction Box Mounting	1	1	1

WHEN ORDERING PARTS BE SURE TO INCLUDE MODEL AND SERIAL NUMBER OF UNIT!

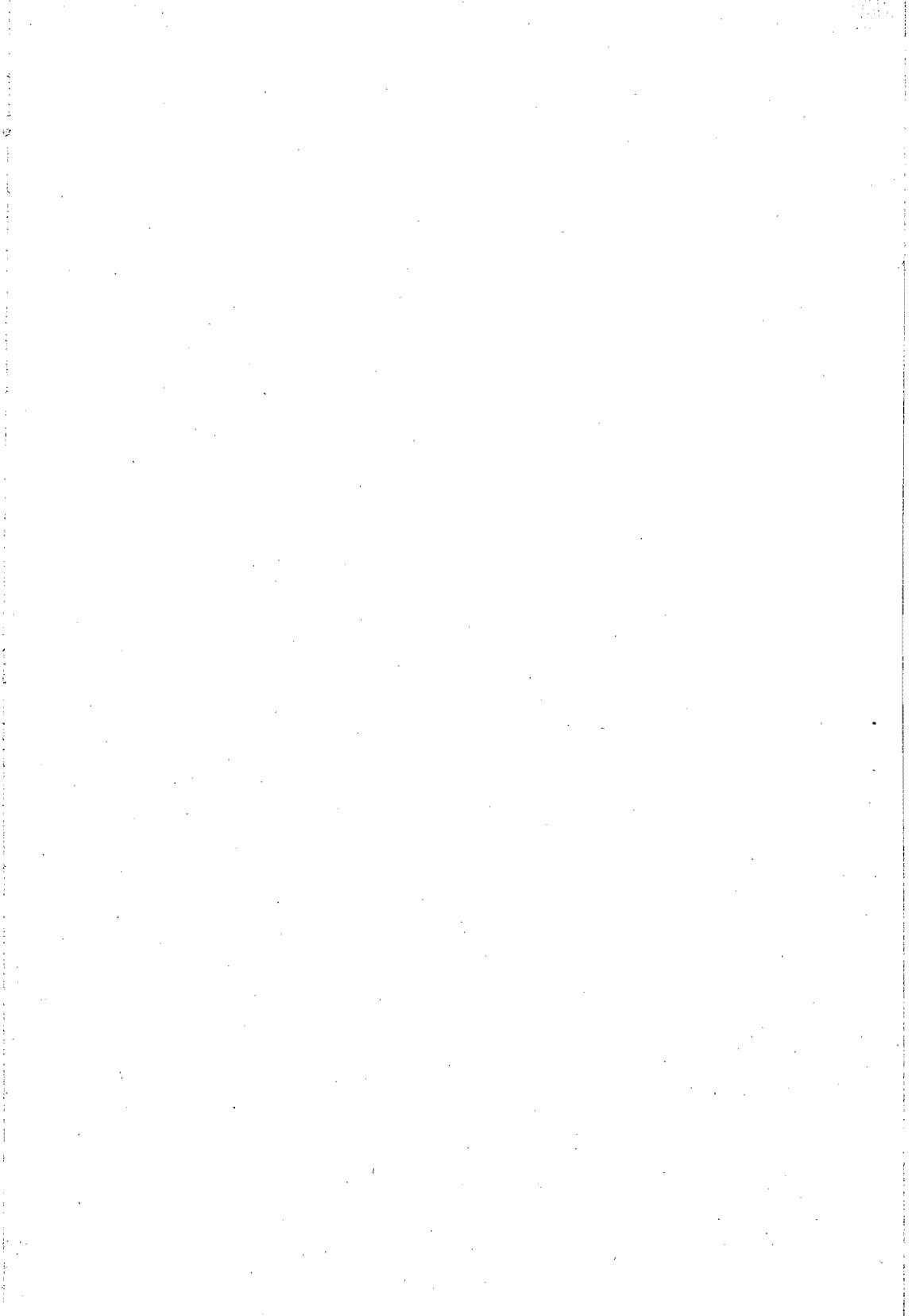
REF. PART NO.	DESCRIPTION	QUANTITY USED					
		A	B	C	D	E	F
FIG. T - CONTROL GROUP (CONT.)							
3A	301C1276	Bracket, Receptacle Box	1	1	1	1	1
4	331-27	Connector, Load Conductor	1	1	1	1	1
5	301C1160	Box, Control - Includes Panel and Resistor Bracket	1	1	1	1	1
6	301B1198	Bracket, Control Box Mounting	1	1	1	1	1
7	301C202	Cover, Control Box - Pressure-Cooled Plants	1	1	1	1	1
7A	301C1244	Cover, Control Box - Vacuum-Cooled Plants	1	1	1	1	1
8	301B1271	Plate, Control Box End - Vacuum-Cooled Plants	1	1	1	1	1
9	301A974	Bracket, Start-Stop Switch	1	1	1	1	1
10	308-90	Switch, Start-Stop	1	1	1	1	1
11	302-58	Anmeter, Charge - 10-0-10	1	1	1	1	1
12	308-2	Switch, Toggle - SPST - Manual Start-Electric Start	1	1	1	1	1
13	307B253	Relay, Shop	1	1	1	1	1
14	304-251	Resistor, Fixed - 30 Ohm, 5 Watt, Wire wound, 2 pigtails	1	1	1	1	1
15	304-344	Resistor, Fixed - 1 Ohm, 25 Watt, 3/4 x 2"	1	1	1	1	1
15A	304-60	Resistor, Fixed - 1.72 Ohm - 9/16 x 2"	1	1	1	1	1
16	304-175	Resistor, Adjustable - 1 Ohm, 3/4 x 4"	1	1	1	1	1
17	312A15	Condenser - 0.1 Mfd. - Load Terminal Suppression - 2 Wire	1	1	1	1	1
17	312A15	Condenser - 0.1 Mfd. - Load Terminal Suppression - 115/230 Volt, 1 Phase	2	2	2	2	2
18	312A53	Condenser - 0.1 Mid. - Load Terminal Suppression - 230 Volt, 3 Phase	3	3	3	3	3
19	312A57	Condenser - 1 Mfd. - Start Solenoid Suppression	1	1	1	1	1
20	305A1	Regulator, Voltage - Charge Circuit	1	1	1	1	1
21	307B130	Relay, Reverse Current	1	1	1	1	1
22	332A537	Block, Terminal - Remote Control	1	1	1	1	1
23	307B40	Solenoid, Start	1	1	1	1	1
24	332-142	Terminal, Solderless - Load Connection - 2 Wire, 1 Phase	1	1	1	1	1
24	332-142	Terminal, Solderless - Load Equipment Ground Connection	1	1	1	1	1
25	332A540	Strip, Marker - Load Terminal - 2 Wire, 1 Phase	1	1	1	1	1
26	332A539	Strip, Marker - Load Terminal - 3 Wire, 1 Phase	1	1	1	1	1
26A	332A541	Strip, Marker - Load Terminal - 3 Wire, 3 Phase	1	1	1	1	1
27	332A231	Block, Terminal - 2 Place - Load Terminal - 3 Wire, 1 Phase	1	1	1	1	1

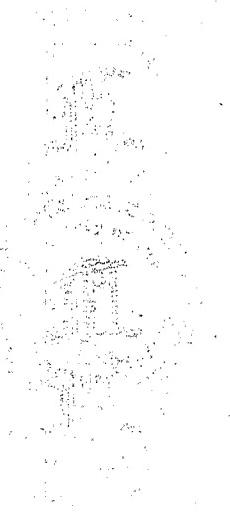
WHEN ORDERING PARTS BE SURE TO INCLUDE MODEL AND SERIAL NUMBER OF UNIT!

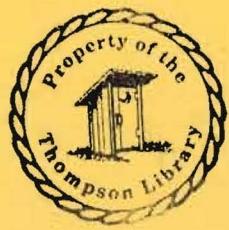
PARTS LIST

REF. PART NO.	DESCRIPTION	QUANTITY USED					
		A	B	C	D	E	F
FIG. T - CONTROL GROUP (CONT.)							
27A	332A236	Block, Terminal - 3 Place - Load Terminal - 3 Phase Plants	1				1
28	416A77	Cable, Battery - 28 Inch	2				2
29	416A4	Cable, Battery Jumper	1				1
30	322P21	Socket, Flange - For Pilot Light	1				1
31	322-11	Lamp, Pilot	1				1
32	322A22	Guard, Lamp	1				1
33	323-62	Receptacle, Twisitite Load	4				4
34	323P140	Receptacle, Twisitlock Load - 2 Wire Plants	2				2
35	323-11	Receptacle, Twisitlock Load - 3 Wire, 1 Phase Plants	2				2
35	323-11	Receptacle, Twisitlock Load - 3 Wire, 3 Phase Plants	3				3
36	323-91	Receptacle, Twisitlock Load - 3 Wire, 3 Phase Plants	3				3
SERVICE KITS							
142-33	Kit, Carburetor Gasket	1	1	1	1	1	1
142K371	Kit, Carburetor Repair Parts	1	1	1	1	1	1
149K526	Kit, Fuel Pump Repair Parts	1	1	1	1	1	1
168K67	Kit, Plant Gasket	1	1	1	1	1	1

WHEN ORDERING PARTS BE SURE TO INCLUDE MODEL AND SERIAL NUMBER OF UNIT!







Onan PARTS PETE says . . .



GENUINE ONAN PARTS will simplify your maintenance and service and will insure your Onan Plant operating at its peak efficiency.

See the dealer from whom you purchased your plant or go to an Onan Authorized Service Station or Parts Center. They will see that you receive the correct parts and will provide any service information you may need.

If you are operating your plant at a point where it is not convenient to secure very good delivery on parts, or your plant is receiving hard continuous service, your best insurance is to have a complete over-haul kit on hand.

Many times an added accessory will enable you to put your plant to greater or more complete service. Batteries, switches, controls, dollies, or trailers are available for many Onan Plants.

Remember that the Onan Line is complete in capacity range of 500 to 50,000 watts in gasoline; 3,000 and 5,000 watts in diesel; 1500 to 75,000 watts in separate generators, and 3,000 to 10,000 watts in tractor generators. These units are available in standard voltages of AC, DC, and battery charging current.

Onan Generating Equipment is designed for primary, portable, mobile or standby service. Where there is no other source of electricity, it supplies primary power. It supplies portable or mobile power for fire and police departments, construction or radio use. For hospitals, hatcheries, industries or home there is no finer source of standby power. See your dealer for any of these needs.